

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061956.D
 Acq On : 9 Jul 2024 00:57
 Operator : MA/JU
 Sample : P3062-02MS 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E1GN8MS

Quant Time: Jul 09 01:45:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

07/09/2024
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	41993	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	223610	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	159809	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	370111	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	330219	20.000	ng/u1	# 0.00
88) Perylene-d12	24.956	264	395949	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	3611	3.231	ng/uL	0.00
4) Pyridine-d5	3.904	84	19370	5.637	ng/u1	0.00
7) Phenol-d5	7.242	99	54698	11.902	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	113488	38.996	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	124650	39.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	102113	28.221	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	79968	47.022	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	90650	46.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	178426	47.632	ng/u1	0.00
31) 4-Chloroaniline-d4	11.037	131	107463	19.760	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	635360	48.359	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	654630	47.650	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	29497	14.059	ng/u1	0.00
60) Fluorene-d10	15.708	176	524241	47.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	114699	59.009	ng/u1	0.00
73) Anthracene-d10	17.559	188	811935	46.987	ng/u1	0.00
81) Pyrene-d10	19.839	212	927982	47.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1026355	52.266	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	8440	6.843	ng/uL	94
5) Pyridine	3.928	79	20017	5.680	ng/u1	87
6) Benzaldehyde	7.230	77	65965	27.121	ng/u1	92
8) Phenol	7.271	94	59042	12.549	ng/u1#	80
10) Bis(2-Chloroethyl)ether	7.512	93	143006	39.565	ng/u1	99
12) 2-Chlorophenol	7.659	128	127477	39.693	ng/u1	96
13) 2-Methylphenol	8.534	108	109407	32.579	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.617	45	286623	36.297	ng/u1	100
16) Acetophenone	8.916	105	268476	44.919	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.899	70	137565	41.112	ng/u1	95
18) 4-Methylphenol	8.863	108	109821	29.202	ng/u1	99
19) Hexachloroethane	9.181	117	57957	41.600	ng/u1#	77
22) Nitrobenzene	9.304	77	214801	44.496	ng/u1	98
23) Isophorone	9.827	82	424912	38.961	ng/u1#	96
25) 2-Nitrophenol	10.015	139	88644	44.757	ng/u1#	92
26) 2,4-Dimethylphenol	10.074	107	174220	36.755	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.309	93	220146	36.655	ng/u1	95
29) 2,4-Dichlorophenol	10.550	162	160934	45.736	ng/u1	88
30) Naphthalene	10.961	128	506478	41.234	ng/u1	96
32) 4-Chloroaniline	11.067	127	91702	17.184	ng/u1	100
33) Hexachlorobutadiene	11.231	225	112862	42.623	ng/u1#	86
34) Caprolactam	11.830	113	9771m	7.088	ng/u1	
35) 4-Chloro-3-methylphenol	12.177	107	208177	44.422	ng/u1	94
36) 2-Methylnaphthalene	12.553	142	388058	43.609	ng/u1	99

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37) 1-Methylnaphthalene	12.771	142	410923	44.436	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.917	216	235703	49.114	ng/ul	98
40) Hexachlorocyclopentadiene	12.888	237	75854	23.744	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.152	196	157482	49.405	ng/ul	99
42) 2,4,5-Trichlorophenol	13.229	196	167917	47.955	ng/ul	89
43) 1,1'-Biphenyl	13.552	154	561445	45.597	ng/ul	99
44) 2-Chloronaphthalene	13.599	162	425160	46.007	ng/ul	91
45) 2-Nitroaniline	13.805	65	192536	52.027	ng/ul	99
47) Dimethylphthalate	14.169	163	569186	45.040	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	127992	53.389	ng/ul	100
50) Acenaphthylene	14.445	152	663874	44.029	ng/ul	99
51) 3-Nitroaniline	14.621	138	99688	42.718	ng/ul	99
52) Acenaphthene	14.780	153	468825	45.029	ng/ul	94
53) 2,4-Dinitrophenol	14.827	184	74545	59.517	ng/ul	95
55) 4-Nitrophenol	14.921	109	37011	15.455	ng/ul	91
56) Dibenzofuran	15.115	168	683983	46.482	ng/ul	93
57) 2,4-Dinitrotoluene	15.080	165	182830	52.002	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.338	232	151276	47.844	ng/ul	96
59) Diethylphthalate	15.526	149	604302	44.375	ng/ul	96
61) Fluorene	15.761	166	565121	45.159	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.749	204	289799	46.103	ng/ul	91
63) 4-Nitroaniline	15.785	138	119242	50.358	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.838	198	116881	55.873	ng/ul#	88
67) N-Nitrosodiphenylamine	15.967	169	470101	46.510	ng/ul	99
68) 4-Bromophenyl-phenylether	16.642	248	206540	49.190	ng/ul	95
69) Hexachlorobenzene	16.760	284	239539	49.613	ng/ul	98
70) Atrazine	16.907	200	85441	21.414	ng/ul	95
71) Pentachlorophenol	17.107	266	123521	46.544	ng/ul	96
72) Phenanthrene	17.500	178	896892	45.959	ng/ul	99
74) Anthracene	17.594	178	882301	43.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.523	216	254235	55.307	ng/ul	96
76) Pentachlorobenzene	15.033	250	247430	47.194	ng/ul	96
77) Carbazole	17.859	167	796547	46.931	ng/ul	99
78) Di-n-butylphthalate	18.405	149	971819	44.597	ng/ul	98
80) Fluoranthene	19.504	202	1046990	45.549	ng/ul#	93
82) Pyrene	19.868	202	1089944	45.904	ng/ul#	95
83) Butylbenzylphthalate	20.738	149	445560	44.713	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.613	252	273899	34.865	ng/ul	96
85) Benzo(a)anthracene	21.701	228	1141138	47.728	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.596	149	655560	45.846	ng/ul#	95
87) Chrysene	21.766	228	1074333	47.999	ng/ul	100
89) Di-n-octyl phthalate	22.818	149	1126681	46.577	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	1239716	49.696	ng/ul	97
91) Benzo(k)fluoranthene	23.999	252	1220959	49.081	ng/ul#	93
93) Benzo(a)pyrene	24.815	252	1034665	43.800	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.670	276	1542850m	51.109	ng/ul	
95) Dibenzo(a,h)anthracene	28.734	278	1276727m	51.209	ng/ul	
96) Benzo(g,h,i)perylene	29.827	276	1143004m	47.594	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

